

least 2 USPT, USPB, WPID, JPO

L Number	Hits	Search Text	DB	Time stamp
1	214689	sphere? or spheric\$	USPAT; US-PGPUB	2004/06/09 18:06
2	429078	hollow	USPAT; US-PGPUB	2004/06/09 18:06
3	299232	electrode? or wiring?	USPAT; US-PGPUB	2004/06/09 18:07
4	143063	floating	USPAT; US-PGPUB	2004/06/09 18:07
5	43007	floats or floated	USPAT; US-PGPUB	2004/06/09 17:53
6	282310	sensor?	USPAT; US-PGPUB	2004/06/09 18:07
7	2351405	etch\$ or strip\$ or remov\$ or patern\$	USPAT; US-PGPUB	2004/06/09 18:07
8	116020	sacrific\$	USPAT; US-PGPUB	2004/06/09 18:08
9	10971	(sphere? or spheric\$) with hollow	USPAT; US-PGPUB	2004/06/09 17:54
10	939	floating with (sphere? or spheric\$)	USPAT; US-PGPUB	2004/06/09 17:54
11	80	(electrode? or wiring?) same ((sphere? or spheric\$) with hollow)	USPAT; US-PGPUB	2004/06/09 17:54
12	19	(electrode? or wiring?) same (floating with (sphere? or spheric\$))	USPAT; US-PGPUB	2004/06/09 17:54
13	347	(sphere? or spheric\$) with (floats or floated)	USPAT; US-PGPUB	2004/06/09 17:54
14	5	((sphere? or spheric\$) with (floats or floated)) same (electrode? or wiring?)	USPAT; US-PGPUB	2004/06/09 17:55
15	98	((electrode? or wiring?) same ((sphere? or spheric\$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric\$))) or (((sphere? or spheric\$) with (floats or floated)) same (electrode? or wiring?))	USPAT; US-PGPUB	2004/06/09 17:55
17	0	((electrode? or wiring?) same ((sphere? or spheric\$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric\$))) or (((sphere? or spheric\$) with (floats or floated)) same (electrode? or wiring?))	USPAT; US-PGPUB	2004/06/09 17:55
19	543203	disolv\$ or dissolv\$	USPAT; US-PGPUB	2004/06/09 18:08
20	0	((electrode? or wiring?) same ((sphere? or spheric\$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric\$))) or (((sphere? or spheric\$) with (floats or floated)) same (electrode? or wiring?)) same (disolv\$ or dissolv\$)	USPAT; US-PGPUB	2004/06/09 17:56
16	7	((electrode? or wiring?) same ((sphere? or spheric\$) with hollow)) or ((electrode? or wiring?) same (floating with (sphere? or spheric\$))) or (((sphere? or spheric\$) with (floats or floated)) same (electrode? or wiring?)) same (etch\$ or strip\$ or remov\$ or patern\$)	USPAT; US-PGPUB	2004/06/09 17:58
21	84	((sphere? or spheric\$) with hollow) or (floating with (sphere? or spheric\$)) and (216.clas. or 438.clas.)	USPAT; US-PGPUB	2004/06/09 17:59
22	5	((sphere? or spheric\$) with (floats or floated)) and (216.clas. or 438.clas.)	USPAT; US-PGPUB	2004/06/09 17:59
23	87	((sphere? or spheric\$) with hollow) or (floating with (sphere? or spheric\$)) and (216.clas. or 438.clas.) or (((sphere? or spheric\$) with (floats or floated)) and (216.clas. or 438.clas.))	USPAT; US-PGPUB	2004/06/09 17:59
24	24	sacrific\$ and (((sphere? or spheric\$) with hollow) or (floating with (sphere? or spheric\$))) and (216.clas. or 438.clas.) or (((sphere? or spheric\$) with (floats or floated)) and (216.clas. or 438.clas.))	USPAT; US-PGPUB	2004/06/09 18:02

25	63	(((sphere? or spheric\$) with hollow) or (floating with (sphere? or spheric\$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric\$) with (floats or floated)) and (216.clas. or 438.clas.)) not (sacrific\$ and (((sphere? or spheric\$) with hollow) or (floating with (sphere? or spheric\$))) and (216.clas. or 438.clas.)) or (((sphere? or spheric\$) with (floats or floated)) and (216.clas. or 438.clas.)))))	USPAT; US-PGPUB	2004/06/09 18:02
26	123684	sphere? or spheric\$	JPO; DERWENT	2004/06/09 18:06
27	350762	hollow	JPO; DERWENT	2004/06/09 18:06
28	405460	electrode? or wiring?	JPO; DERWENT	2004/06/09 18:07
29	173611	floating or floats or float or floated	JPO; DERWENT	2004/06/09 18:07
30	178108	sensor?	JPO; DERWENT	2004/06/09 18:07
31	1942529	etch\$ or strip\$ or remov\$ or patern\$	JPO; DERWENT	2004/06/09 18:07
32	15577	sacrific\$	JPO; DERWENT	2004/06/09 18:08
33	261216	dissolv\$ or dissolv\$	JPO; DERWENT	2004/06/09 18:08
34	5672	(sphere? or spheric\$) with hollow	JPO; DERWENT	2004/06/09 18:08
35	1494	(sphere? or spheric\$) with (floating or floats or float or floated)	JPO; DERWENT	2004/06/09 18:08
36	5672	(sphere? or spheric\$) with hollow or hollow with (sphere? or spheric\$)	JPO; DERWENT	2004/06/09 18:09
37	7000	((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))	JPO; DERWENT	2004/06/09 18:09
38	35	sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))	JPO; DERWENT	2004/06/09 18:09
39	8	sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))	JPO; DERWENT	2004/06/09 18:09
40	662	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (dissolv\$ or dissolv\$))	JPO; DERWENT	2004/06/09 18:09
41	43	(sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))))	JPO; DERWENT	2004/06/09 18:09
42	2	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (dissolv\$ or dissolv\$)) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))))	JPO; DERWENT	2004/06/09 18:10
43	41	((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) not (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (dissolv\$ or dissolv\$)) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))))	JPO; DERWENT	2004/06/09 18:15

44	662	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) not (((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) not (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))))))	JPO; DERWENT	2004/06/09 18:15
46	33	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) not (((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) not (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) and (mems or micro or microm\$ or microel\$)	JPO; DERWENT	2004/06/09 18:19
47	240	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and (mems or micro or microm\$ or microel\$)	JPO; DERWENT	2004/06/09 18:19
48	3	(((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated))) and (mems or micro or microm\$ or microel\$) and (electrode? or wiring?)	JPO; DERWENT	2004/06/09 18:20
49	83	floating with sphere?	JPO; DERWENT	2004/06/09 18:20

50	83	<p>(floating with sphere?) not ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) not (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) not (((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) not (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and ((etch\$ or strip\$ or remov\$ or patern\$) or (disolv\$ or dissolv\$))) and ((sensor? and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) or (sacrific\$ and (((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))))) and (mems or micro or microm\$ or microel\$) or (((((sphere? or spheric\$) with hollow) or ((sphere? or spheric\$) with (floating or floats or float or floated)))) and (mems or micro or microm\$ or microel\$)) and (electrode? or wiring?)))</p>	JPO; DERWENT	2004/06/09 18:20
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STN 80Caplus

STN Columbus

(FILE 'HOME' ENTERED AT 17:45:31 ON 09 JUN 2004)

FILE 'CAPLUS' ENTERED AT 17:45:38 ON 09 JUN 2004

L1	466 S	FLOAT?(10A) SPHER?
L2	1777812 S	ETCH? OR REMOV? OR STRIP? OR PATERN? OR DISOLV? OR DISSOLV?
L3	40 S	L1 AND L2
L4	4 S	L1 AND SENSOR?
L5	0 S	L3 AND L4
L6	0 S	L3 AND SACRIF?
L7	0 S	L1 AND SACRIF?
L8	32 S	L3 NOT HOLLOW?
L9	8 S	L3 NOT (L8 OR L4)

STN ° Caplus

(FILE 'HOME' ENTERED AT 17:08:59 ON 09 JUN 2004)

FILE 'CAPLUS' ENTERED AT 17:09:06 ON 09 JUN 2004

L1	180769 S SPHERE? OR SPHERIC?
L2	61212 S HOLLOW?
L3	599427 S ELECTRODE?
L4	105 S L1 AND L2 AND L3
L5	8 S L4 AND SENSOR?
L6	29 S L1 AND L2 AND SENSOR?
L7	21 S L6 NOT L5
L8	3275 S L1 (10A) L2
L9	63 S L8 AND (WIRING OR L3)
L10	57 S L9 NOT (L5 OR L6)
L11	108 S L1 AND L2 AND (L3 OR WIRING?)
L12	43 S L11 NOT (L9 OR L5 OR L6)

STN8 Caplus

(FILE 'HOME' ENTERED AT 12:56:45 ON 09 JUN 2004)

FILE 'CAPLUS' ENTERED AT 12:56:53 ON 09 JUN 2004
L1 222796 S SPHER?

STN Columbus

L2 2050357 S MEMS OR MICRO?
L3 42284 S L1 AND L2
L4 1403795 S ETCH? OR REMOV? OR PATTERN? OR STRIP?
L5 2553 S L3 AND L4
L6 12 S SACRIFIC? AND L5
L7 2541 S L5 NOT L6
L8 1 S L7 AND (MICROMOTOR? OR MOTOR)
L9 3 S L7 AND (ROTOR? OR STATOR?)
L10 4 S L8 OR L9
L11 2537 S L7 NOT L10
L12 624 S L11 AND (MEMS OR MICRO OR MICROSTRUCTUR? OR MICROMACHIN? OR M
L13 1897 S L11 AND (SPHERE? OR SPHERICAL?)
L14 457 S L12 AND L13
L15 504 S L13 AND (SI OR SIO2 OR SIO OR POLY OR SILICON OR POLYSI?)
L16 18 S L13 AND SENSOR?
L17 8 S L16 AND L14
L18 10 S L16 NOT L17
L19 496 S L15 NOT L16
L20 496 S L19 NOT MICRSCOP?
SAVE ETCHL20/A L20
L21 1200 S L13 NOT (L17 OR L16 OR MICROSCOP?)
L22 868 S L21 NOT L20
L23 0 S L19 AND L22
L24 332 S L20 AND L21
SAVE ETCHL22/A L22
SAVE ETCHL24/A L24